

**Name:** William Roth  
**Project Name:** KAUS MUCKY SID  
**Output File:** KAUS MUCKY SID PAYDA MUCKY 20161219\_1330  
**Procedure Name:** MUCKY  
**Software:** RNAV-Pro™  
**Version:** 2.39  
**Date/Time:** 12/19/2016 1:30:46 PM  
**Input File:** [KAUS MUCKY SID PAYDA MUCKY 20161219\\_1326.txt](#)  
**Databases:** AIRNAV Date: 12/9/2016  
 CIPF Date: 8/18/2016  
 DTED® (MAX) Date: 2002

## Results Summary:

**Flyability**



**DME/DME**



No Critical DMEs Exist

**Radars**

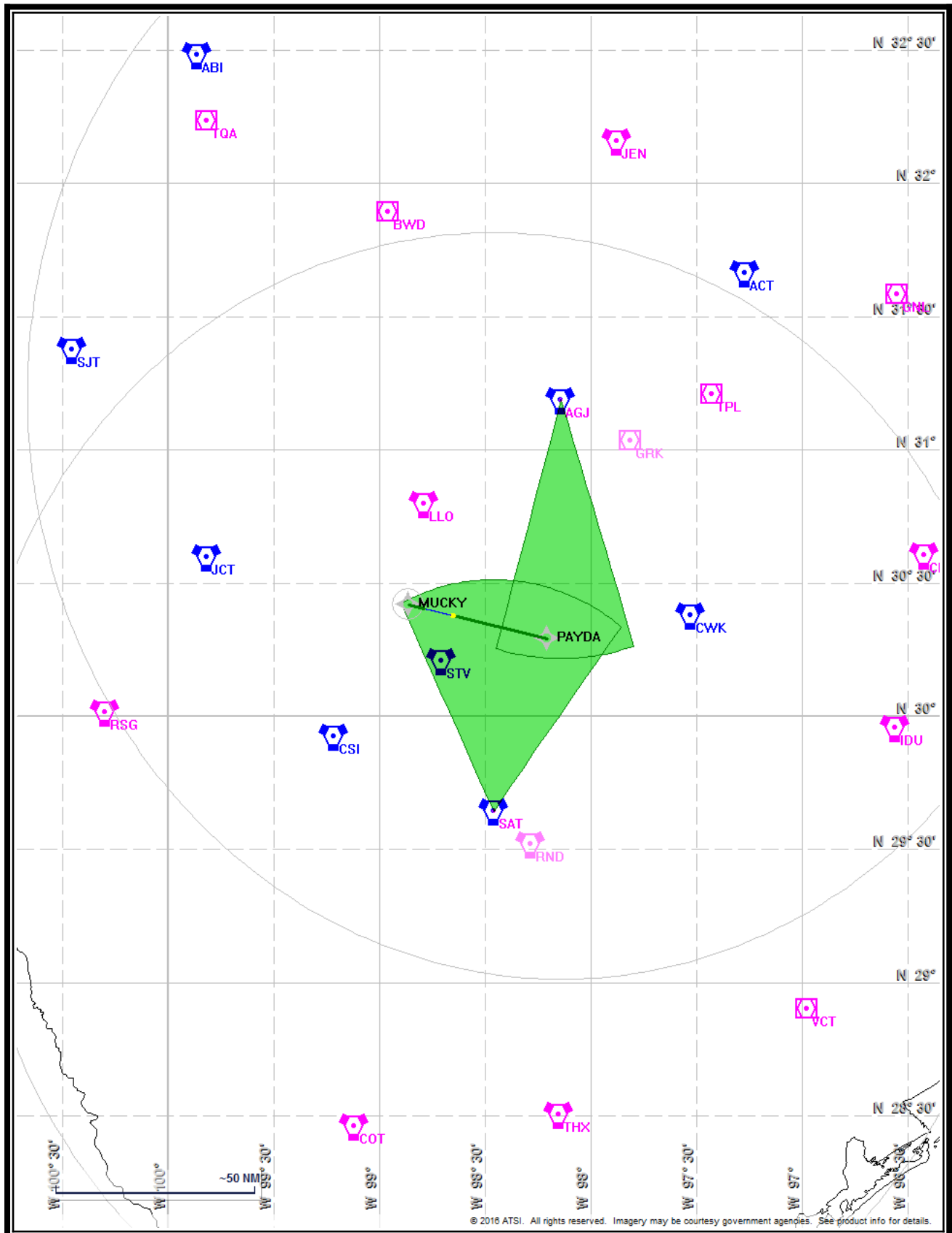


**Comms**



**TERPS**

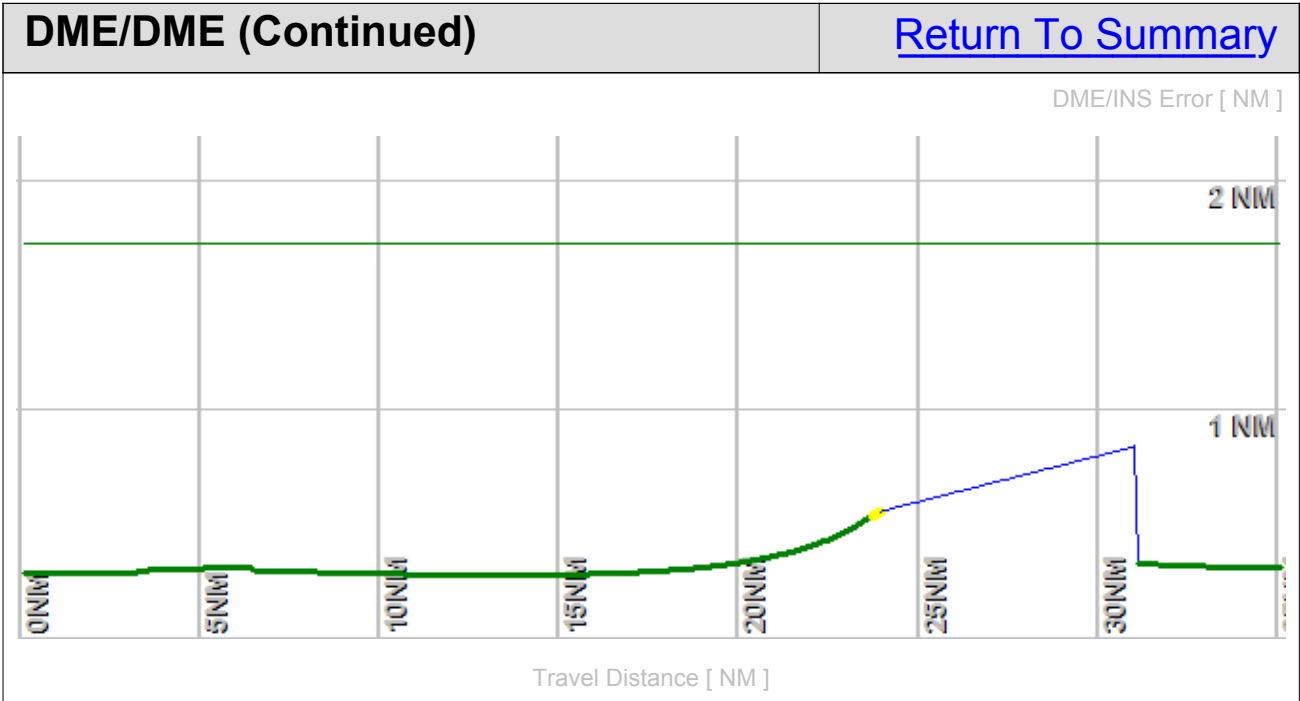




Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
PAYDA	WP	N 30° 17' 27.48" W 98° 12' 17.44"	5000.0	Step	180.0	Fly By	TF
MUCKY	WP	N 30° 25' 7.02" W 98° 51' 54.77"	10000.0	VNAV	180.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Departure Transition <b>Selected Airport:</b> KAUS <b>Aircraft Category:</b> Cat D <b>Climb Gradient:</b> <i>None assigned</i> <b>Ground Speeds:</b> Table: <b>200.0 Kts</b> up to <b>29000.0 ft</b> <b>280.0 Kts</b> up to <b>99900.0 ft</b> <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
	Entire track is fly-able	

DME/DME		<a href="#">Return To Summary</a>
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max): Evaluated	
	DME Restrictions: Evaluated	
	Inertial Drift: Enabled	
	Initial Drift: 0.558 NM	
	INS Drift Rate: 8.000 NM/Hour	
	Range Mode: OSV	
	Co-Frequencies: Evaluated	
	RNP Edges: Evaluated	
	Min DME Range: 3.0 NM	
	Allowed Gap Length: 4.0 NM	
	DME Types: VOR/DME, VORTAC, Standalone, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
	DoD Facilities: Not included	
	Foreign Facilities: Not included	
Low DMEs: Included		
Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Total Number of DMEs Used: 6		
Maximum DME Error: 0.842 NM.		
No Critical DMEs were found.		
Available DMEs: SAT, AGJ, CWK, STV, LLO, CSI		



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H + <a href="#">ESV</a>	User	NO	0.842	Enabled	17.9%	17.9%
2	CWK	N 30° 22' 42.78" W 97° 31' 47.45" 06 E	H	Database	NO	0.842	Enabled	9.2%	9.2%
3	STV	N 30° 12' 24.33" W 98° 42' 20.72" 08 E	H	Database	NO	1.237	Enabled	70.4%	70.4%
4	SAT	N 29° 38' 38.51" W 98° 27' 40.73" 08 E	H + <a href="#">ESV</a>	User	NO	0.825	Enabled	0.5%	0.5%
5	LLO	N 30° 47' 46.83" W 98° 47' 14.60" 08 E	L	Database	NO	0.844	Enabled	49.7%	49.7%
6	CSI	N 29° 55' 20.48" W 99° 12' 52.15" 08 E	H	Database	NO	0.978	Enabled	11.6%	11.6%
	Total Coverage							79.6%	79.6%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		AGJ	CWK	STV	SAT	LLO			
25.1		CSI	STV	SAT	LLO				
Inertial Drift Segments									
#	Start Location			End Location			Length [NM]		
1	N 30° 22' 42.17" W 98° 39' 17.68"			N 30° 24' 14.50" W 98° 47' 19.37"			7.1		
VOR: CSI			Available from N 30° 22' 42.17" W 98° 39' 17.68" to N 30° 24' 14.50" W 98° 47' 19.37"						
VOR: LLO			Available from N 30° 22' 42.17" W 98° 39' 17.68" to N 30° 24' 14.50" W 98° 47' 19.37"						
VOR: STV			Available from N 30° 22' 42.17" W 98° 39' 17.68" to N 30° 24' 14.50" W 98° 47' 19.37"						

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
PAYDA	MUCKY	AGJ, SAT, CSI, CWK, LLO, and STV



User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	MUCKY 20161108.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	SAT	N 29° 38' 38.51" W 98° 27' 40.73" 08 E	H	1160.0	116.80	SAT	Used
		ESV:	Bearing [True]: 334.0° to 37.0° Bearing [Mag]: 326.0° to 29.0°		Arc Distance: Out to 52.0 NM Altitude: 3700.0 to 16000.0 ft		
2	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H	1190.8	112.50	AGJ	Used
		ESV:	Bearing [True]: 162.0° to 196.0° Bearing [Mag]: 157.0° to 191.0°		Arc Distance: Out to 58.0 NM Altitude: 3700.0 to 16000.0 ft		